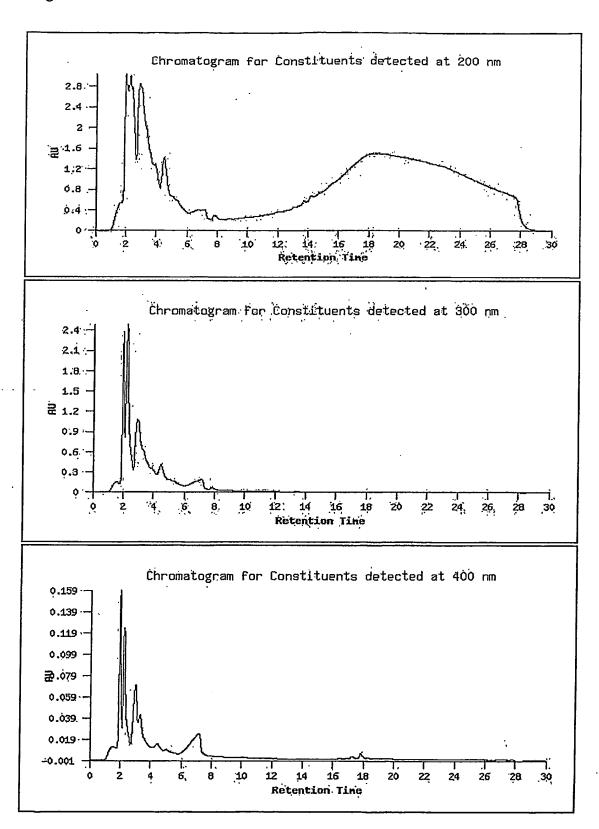
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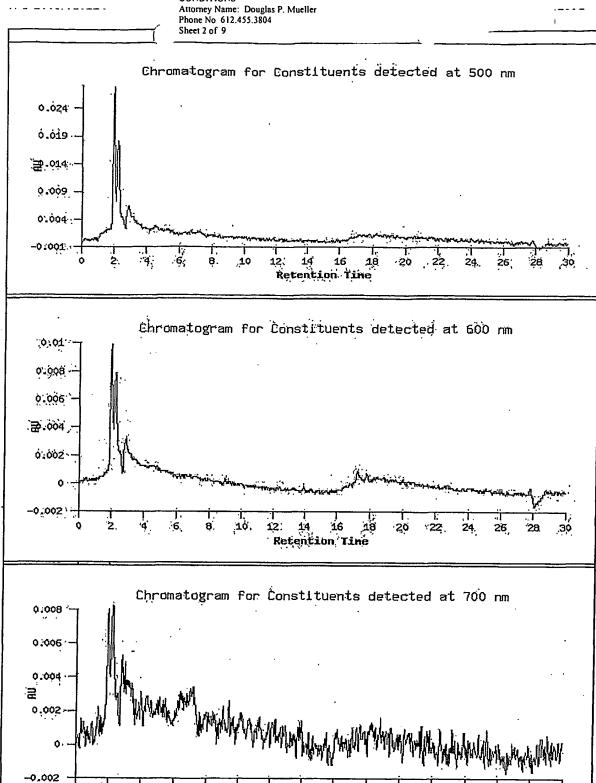
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CONDITIONS Attorney Name: Douglas P. Mueller Phone No 612.455.3804 Sheet 1 of 9

Figure 1: HPLC profile of 20% ethanol extract of Eujenia jambolana at various wavelength



Inventor: PATELL
Docket No.: 20049.3USWO
Title: NOVEL THERAPEUTIC EXTRACTS AND MOLECULES FOR DEGENERATIVE



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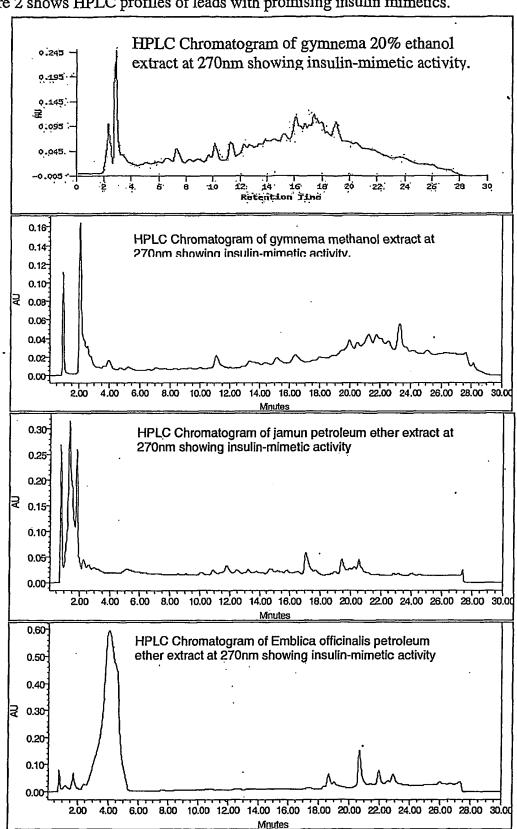
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Phone No 612.455.3804 Sheet 3 of 9

Figure 2 shows HPLC profiles of leads with promising insulin mimetics.



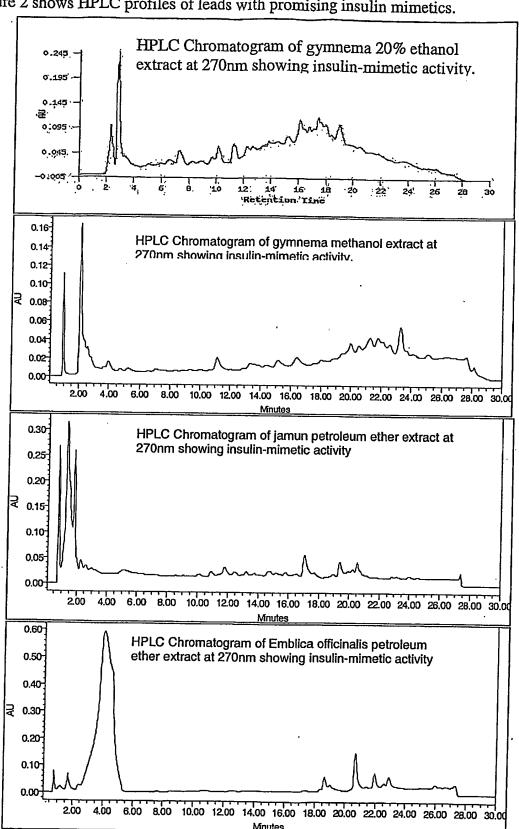
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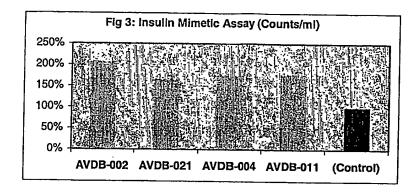
Phone No 612.455.3804 Sheet 4 of 9

Figure 2 shows HPLC profiles of leads with promising insulin mimetics.



Inventor: PATELL
Docket No.: 20049.3USWO
Title: NOVEL THERAPEUTIC EXTRACTS AND MOLECULES FOR DEGENERATIVE
CONDITIONS
Attorney Name: Douglas P. Mueller
Phone No 612.455.3804
Sheet 5 of 9

Figure 3 shows the data from table 9 expressed as a percent of the counts observed in the cells + insulin control. Four plant extracts stimulated [<sup>3</sup>H]-deoxyglucose uptake by 1.5 to 2-fold above that seen with insulin alone.

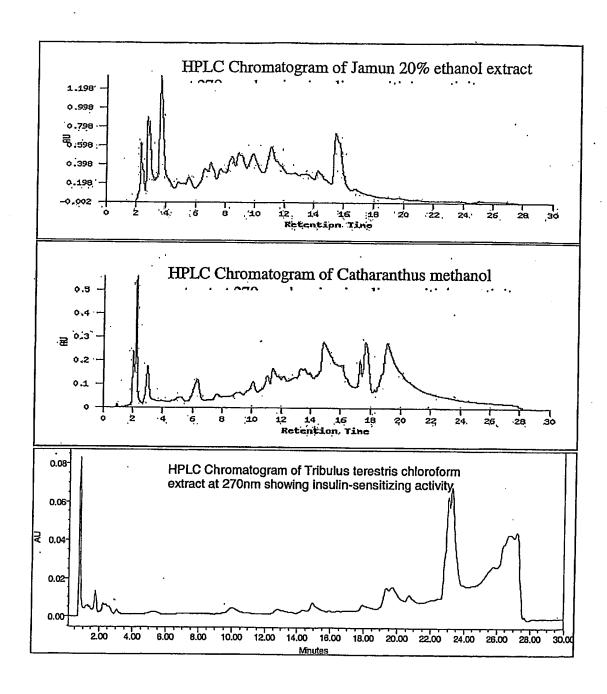


CONDITIONS

Sheet 6 of 9

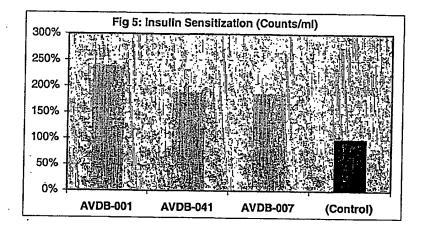
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Figure 4 showing HPLC profiles of insulin sensitizors:



Inventor: PATELL
Docket No.: 20049.3USWO
Title: NOVEL THERAPEUTIC EXTRACTS AND MOLECULES FOR DEGENERATIVE
CONDITIONS
Attorney Name: Douglas P. Mueller
Phone No 612.455.3804
Sheet 7 of 9

Figure 5: The data from Table 5 are expressed as a percent of the counts observed in the cells + insulin control



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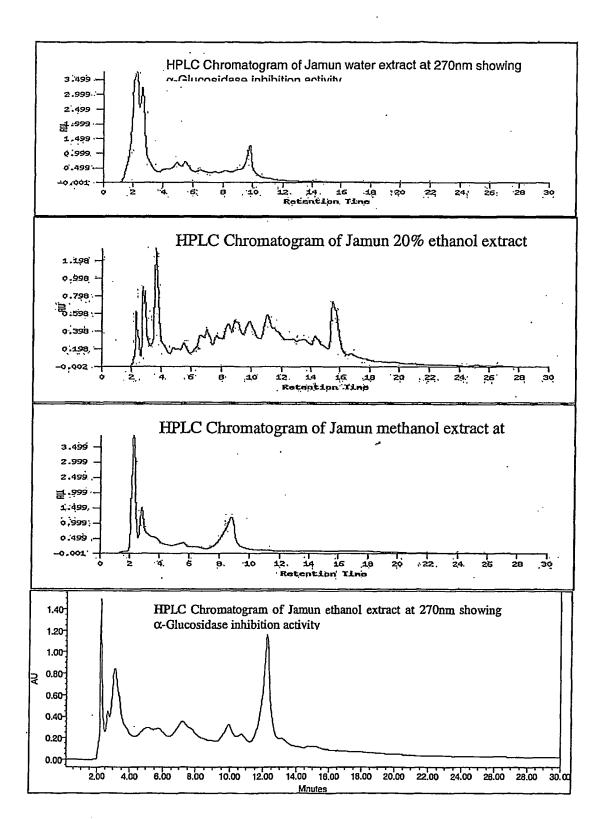
Docket No.: 20049.3USWO
Title: NOVEL THERAPEUTIC EXTRACTS AND MOLECULES FOR DEGENERATIVE

CONDITIONS

Attorney Name: Douglas P. Mueller

Phone No 612.455,3804 Sheet 8 of 9

Figure 6: HPLC profiles of medicinal plants that shows alpha-glucosidae inhibitor activities.



Inventor: PATELL Docket No.: 20049,3USWO

Title: NOVEL THERAPEUTIC EXTRACTS AND MOLECULES FOR DEGENERATIVE

CONDITIONS

Attorney Name: Douglas P. Mueller

Phone No 612.455,3804

Sheet 9 of 9

Figure 7: shows that four medicinal plant fractions showed significant  $\alpha$ -glucosidase inhibitory activities in the screening procedure. The relative inhibitory potency was calculated a reciprocal of the IC<sub>50</sub>, using the following formula:

## Relative Potency = $1000 / IC_{50}$

